

JENKINS
WILSON
& TAYLOR

patent attorneys

May 31, 2005



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 31, 2005.

Gayle W. Chaney
Gayle W. Chaney
Date of Signature 5/31/05

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.....
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Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 10/681,437 for
FIELD-EFFECT POWER TRANSISTOR
Our File No. 1406/171

Sir:

Enclosed in connection with the above-referenced patent application please find the following:

1. Base Issue Fee Transmittal Form (1 page - in duplicate);
2. Proof of Submission of Certified Priority Document; and
3. A return-receipt card to be returned to our offices with the U.S. Patent and Trademark filing stamp thereon.

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Please contact our offices if there are any questions.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Richard E. Jenkins
Richard E. Jenkins
Registration No. 28,428

REJ/gwc

Enclosures

Customer No: 25297

tel 919.493.8000
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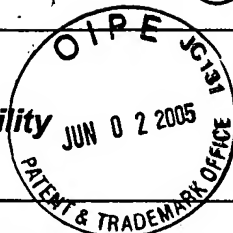
Jenkins, Wilson & Taylor, P.A.
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University Tower, Suite 1400 | 3100 Tower Boulevard | Durham, North Carolina 27707

COPY

AK

Notice of Allowability



Application No.

10/681,437

Examiner

MARK V. PRENTY

Applicant(s)

PFIRSCH ET AL.

Art Unit

2822

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the response filed on March 10, 2005.
2. ☒ The allowed claim(s) is/are 1-18.
3. ☒ The drawings filed on October 8, 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE

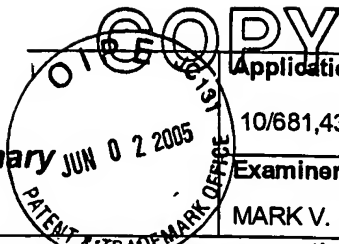
5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Mark Prenty
 Mark V. Prenty
 Primary Examiner

Office Action Summary



Application No.

10/681,437

Examiner

MARK V. PRENTY

Applicant(s)

PFIRSCH ET AL.

Art Unit

2822

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Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE **2** MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- ☒ Responsive to communication(s) filed on 08 October 2003.
- ☐ This action is FINAL. ☐ This action is non-final.
- ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- ☒ Claim(s) 1-18 is/are pending in the application.
 - Of the above claim(s) _____ is/are withdrawn from consideration.
- ☐ Claim(s) _____ is/are allowed.
- ☐ Claim(s) _____ is/are rejected.
- ☒ Claim(s) 1-18 is/are objected to.
- ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- ☒ The specification is objected to by the Examiner.
- ☒ The drawing(s) filed on 08 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - ☒ All ☐ Some * ☐ None of:
 - ☒ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
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Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____



COPY

The U.S. Patent and Trademark
Office date stamp sets forth the
date of receipt of:

Attorney: REJ/cht
Docket No.: 1406/171
Serial No.: 10/681,437
Applicant: Pfirsch et al.

Title: FIELD-EFFECT POWER TRANSISTOR

The following items were mailed to the U.S. Patent and Trademark Office on the
date indicated below:

JAN 29 2004

1. Transmittal Letter (2 pages);
2. Response to Notice to File Missing Parts of Nonprovisional Application (2
pages);
3. Copy of the Notice to File Missing Parts of Nonprovisional Application (2
pages);
4. Original executed Declaration (3 pages);
5. Transmittal of Certified Copy (1 page);
6. Certified Copy of Foreign Application; and
7. Return-receipt postcard to be returned to us with the U.S. Patent and
Trademark Office filing stamp on it.

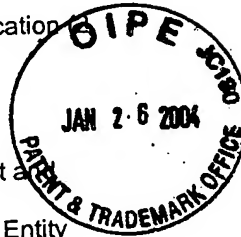
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Date Transmitted: 1/22/04

☐ Small Entity

☒ Large Entity



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OF COUNSEL
SOROJINI BISWAS

January 21, 2004

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Cathi H. Turner

Cathi H. Turner
Date of Signature

January 22, 2004

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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6. A return-receipt postcard to be returned to our offices with the U.S. Patent and Trademark filing stamp thereon; and

Please contact our offices if there are any questions with this matter.

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fax 919.419.0383

Jenkins, Wilson & Taylor, P.A.
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University Tower, Suite 1400 | 3100 Tower Boulevard | Durham, North Carolina 27707



Commissioner for Patents
January 21, 2004
Page 2

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Registration No. 28,428

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Enclosures

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